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OFFICE OF
RESEARCH
AND
DEVELOPMENT

DIRECTORATE OF SCIENCE AND TECHNOLOGY

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OFFICE OF RESEARCH AND DEVELOPMENT

FUNCTIONAL STATEMENT

The Office of Research and Development was created in January 1963 under the Deputy Director for Science and Technology for the purpose of maximizing to the greatest possible extent the utilization of science and technology in furtherance of the Agency mission. This objective includes advancing the frontiers of present knowledge in the interest of intelligence collection and analysis.

The Office is divided into two prime areas, Physical Sciences and Life Sciences. Physical Sciences has five major areas of interest: Optics, Audio Physics, Radio Physics, Physics-Chemistry, and Analysis.

- a. The Optics Group is concerned with the extension and utilization of the usable portion of the optical spectrum and the acquisition and understanding of new ideas of optical effects including those phenomena, natural and artificial affecting the performance of optical systems.
- b. The Audio Physics Group will carry out basic and applied research and development on devices, methods, and techniques for surveillance, aural and acoustic counter-measures and detection, and will provide operations research systems analysis in support of the over-all audio intelligence program.
- c. The Radio Physics Group will carry out basic and applied research and development on antennas, and propagation, EM surveillance other than Elint and Sigint, microminiaturization of intelligence devices and systems, field located multisensors, and data retrieval, command type and other special communications and optimization of components and systems for operational use.
- d. The Physics-Chemistry Group will carry out basic and applied research and development on nuclear collection techniques, power sources, properties of materials, undersea collection, and perform mechanical or electro-

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mechanical support required to engineer collection capabilities into operational systems.

- e. The Analysis Group will carry out basic and applied research and development in the field of automatic data analysis, information storage, pattern recognition, and will conduct scientific analysis of advanced concepts and operational systems.

Life Sciences is divided into three major areas: Biological, Medical, and Behavioral, which are closely interfaced to implement their missions. These divisions will undertake research and development in, but not limited to, Stress, Human Behavior, Biotechnology, Physiological Chemistry, and Animal Studies.

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	<u>ROOM</u>	<u>EXTENSION</u>	
Acting Assistant Director/ORD	1D0418	5783	9073
Deputy Assistant Director/LS/ORD	1D0410	7822	1365
Admin. Office	1D0418	5024	9073
Optics	1D0011	7931	9343
Radio Physics	1D0426	4257	1865
Audio Physics	1D0426	4251	1297
Physics-Chemistry	1D0009	7910	1992
Analysis	1D0421	5374	1313
Life Sciences	1D0019	4218	9434
	1D1612	5155	1242
Registry	1D0009	6896	1992

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